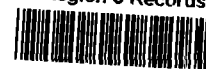


**United States Environmental Protection Agency
Region V
POLLUTION REPORT**

EPA Region 5 Records Ctr.



294079

Date: Thursday, March 06, 2008

From: Craig Thomas, OSC

To: Michael Harris, U.S. EPA ERB 1 Section Jason El-Zein, U.S. EPA, ERB 1
2

David Chung, U.S. EPA

John Maritote, U.S. EPA

Milagros Bensing, U.S. EPA

Bruce Everetts, Illinois EPA

Kevin Schnoes, Department of the
Environment

Dave Reed, Illinois EPA

Maria Gonzalez, U.S. EPA

Cameron Walker, Metropolitan Water
Reclamation District

Subject: U.S. Scrap

12300 S. Cottage Grove Ave/12301 S. King Drive, Chicago, IL

Latitude: 41.67

Longitude: -87.6036

POLREP No.: 2

Site #:

Reporting Period: 2/22/08-3/06/08

D.O. #:

Start Date: 1/23/2008

Response Authority: CERCLA

Mob Date: 1/23/2008

Response Type: Time-Critical

Completion Date:

NPL Status: Non NPL

CERCLIS ID #: ILD980679484

Incident Category: Removal Action

RCRIS ID #:

Contract #

Site Description

The U.S. Scrap Site is located at 12301 South Cottage Grove Avenue in Chicago, Cook County, Illinois. The Site is an abandoned debarrelling facility that operated as an open dump in the late 1960's and early 1970's. It occupies approximately 6 ½ acres and is bordered by railroad right-of-way to the west, the Metropolitan Water Reclamation District (MWRD) of Greater Chicago's Calumet Sewage Treatment Plant to the South and East, and S.G. Keywell, Inc., a scrap metal recycling operation to the North. The Site is located approximately 1 mile west of Lake Calumet and ½ mile northeast of the Little Calumet River. The Site is also located within one mile of residential housing.

From the late 1960's to 1975, Mr. Steve Martell conducted drum reclamation activities at the U.S. Scrap Site. Non-reclaimable drums and wastes from re-claimable drums were emptied into on-site pits. Waste received at U.S. Scrap for on-site incineration was allegedly dumped at the Site.

U.S. EPA conducted a removal action at the site in 1985, extinguishing a landfill fire by capping the affected areas with clay, and excavating and backfilling a railroad embankment, in an attempt to locate shock-sensitive chemicals. A special study conducted in 1987 revealed that elevated levels of many hazardous substances remained, including PCBs, pesticides, and organic solvents.

By correspondence dated June 28, 2005, Illinois EPA asked U.S. EPA to conduct a time-critical removal assessment and possible removal action at the Site.

U.S. EPA's Site Assessment, which occurred June 25th, 2007, determined that Site soils were heavily contaminated with PCBs, chlorinated solvents, lead and cadmium.

Surface liquids sampled during U.S. EPA's Site Assessment showed high levels of vinyl chloride, benzene, ethylbenzene, 4-methyl-2-pentanone, toluene, total xylenes, bis (2-ethylhexyl)phthalate, dichlorobenzene, diethyl phthalate, di-n-butylphthalate, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, pyrene, alpha chlordane, total chlordane, gamma chlordane. Surface liquids also included several PCBs include aroclor 1242, aroclor 1254, and aroclor 1260.

On January 22nd, 2008 U.S. EPA received an access agreement to conduct a time critical removal action at the site.

Current Activities

For the period of February 25th through March 06, 2008 U.S. EPA, the ERRS contractor, Environmental Quality Management, and the START contractor, STNJV, continued site activities.

START continued conducting air monitoring of work zones and 11 perimeter monitoring locations with a Mulitrae.

ERRS continued pumping liquid from the main lagoon. A 20,000 gallon frac tank was used to temporarily store liquids from the lagoon.

ERRS also continued installing sheet piling to a depth of approximately 10 feet between the U.S. Scrap property boundary and the MWRD property. To date, approximately 513 linear feet of sheet piling have been installed.

Between February 25th and March 6th, 2008 approximately 14,600 gallons of waste liquids from the lagoon area were shipped off to the Clean Harbors Deer Park LP in LaPorte, Texas for disposal. An additional 5,200 gallons of waste liquids were shipped off to the Clean Harbors facility in Grantsville, Utah.

Evaluation of off-site disposal for remaining site liquids after on-site treatment has been determined to be economically viable. ERRS is currently creating the water treatment

system. U.S. EPA's Springfield Belle has been mobilized to the site for this purpose.

Planned Removal Actions

Continue installing sheet piling between the U.S. Scrap site and the MWRD property, to minimize off-site migration of contaminants.

Finish creating on-site water treatment system.

Continue pumping liquids out from the lagoon area for treatment and disposal.

Dispose of contaminated soil, as necessary.

Next Steps

Complete actions noted above.

Key Issues

None

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$1,000,000.00	\$420,286.82	\$579,713.18	57.97%
RST/START	\$60,000.00	\$35,816.00	\$24,184.00	40.31%
Intramural Costs				
Total Site Costs	\$1,060,000.00	\$456,102.82	\$603,897.18	56.97%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
NA3082, HAZARDOUS WASTE, LIQUID,	4,700	001837631	Clean Harbors Deer

N.O.S., (POLYCHLORINATED BIPHENYLS, CHLORDANE), 9, PGIII	gallons	FLE	Park LP 2027Battleground Road LaPorte, TX 77571
NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (POLYCHLORINATED BIPHENYLS, CHLORDANE), 9, PGIII	5,200 gallons	001837633 FLE	Clean Harbors Deer Park LP 2027Battleground Road LaPorte, TX 77571
NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (POLYCHLORINATED BIPHENYLS, CHLORDANE), 9, PGIII	4,700 gallons	001837634 FLE	Clean Harbors Deer Park LP 2027Battleground Road LaPorte, TX 77571
NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (POLYCHLORINATED BIPHENYLS, CHLORDANE), 9, PGIII	5,200 gallons	001837632 FLE	Clean Harbors 11600 North Aptus Road Grantsville, Utah 84029

www.epaossc.net/USScrap